

ANSWERS

Relating Single Digit Addition to a Double Digit.

If you know that $3 + 5 = 8$ you can easily solve $30 + 50$ because you don't have to worry about adding numbers in the ones column.

$$\begin{array}{r} 30 = 3 \text{ tens} \\ + 50 = 5 \text{ tens} \\ \hline 80 = 8 \text{ tens} \end{array}$$

You can use the same rule to add numbers with three digits, or even 4 digits. For example,

$$\begin{array}{r} 300 = 3 \text{ hundreds} \\ + 500 = 5 \text{ hundreds} \\ \hline 800 = 8 \text{ hundreds} \end{array}$$

Just take off the zeros and add the numbers. Then, make sure you put the zeros back!

Let's try it with different numbers:

$$6 + 5 = 11$$

$$60 + 50 = 110$$

$$600 + 500 = 1,100$$

Now, use this rule to add the following numbers. Write the correct answers on the following blanks:

1. $4 + 8 = 12$

$$40 + 80 = \underline{120}$$

$$400 + 800 = 1,200$$

2. $4 + 3 = 7$

$40 + 30 = 70$

$400 + 300 = \underline{700}$

4. $12 + 16 = 28$

$120 + 160 = 280$

$1,200 + 1,600 = \underline{2,800}$

6. $14 + 17 = \underline{31}$

$140 + 170 = \underline{310}$

$1,400 + 1,700 = \underline{3,100}$

3. $4 + 1 = \underline{5}$

$40 + 10 = \underline{50}$

$400 + 100 = \underline{500}$

5. $15 + 18 = 33$

$150 + 180 = 330$

$1,500 + 1,800 = \underline{3,300}$

7. $18 + 36 = \underline{54}$

$180 + 360 = \underline{540}$

$1,800 + 3,600 = \underline{5,400}$